



UMODPC



Convoy
Movement Forms
& Calculations
612-402-02



Convoy Operations and the UMO



- Once given certain information about the highway movement (start times, end times, rest halts & locations), the UMO:
 - Prepares road movement graph
 - Prepares DD Forms 1265 & 1266
- The UMO should know the basic terms and formulas that are used in road movement planning



Terminology



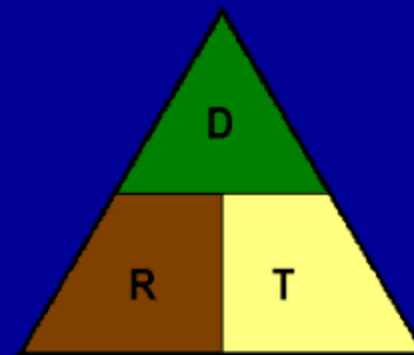
- Distance (D): How far a march column travels expressed in miles or kilometers
- Time (T): How long it takes to complete a move, including halts
- Rate (R): Kilometers or miles traveled in the hour (speed)



Distance, Rate & Time



- The three basic march factors are: Distance, Rate & Time
- When two of the three factors are known, the third can be found by a simple math equation

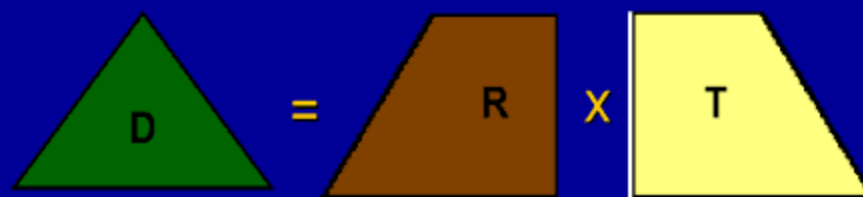




Calculate Distance



- $D = R \times T$

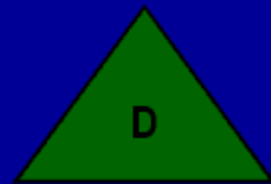




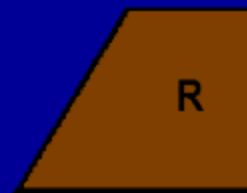
Calculate Rate



$$\bullet R = \frac{D}{T}$$

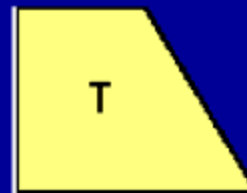


D



R

=

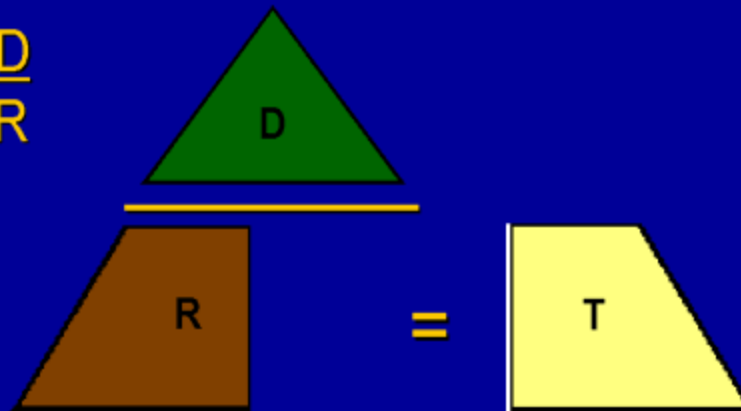


T



Calculate Time

- $T = \frac{D}{R}$





Time Distance Calculations



- Time Distance:
 - The time required to move from one point to another at a given rate of march (Move from SP to CP1)

$$\frac{\text{Distance} \times 60}{\text{Rate}} = \text{Time}$$

$$\frac{11 \times 60}{40} = \frac{660}{40} = 16.5 \text{ minutes} = 17 \text{ minutes}$$

(Always round up)



D, R & T & DD Form 1265



- Computation of the time it will take to arrive and depart a particular point is crucial
- Computation results in ETAs and ETDs of march
column at state lines, major road junctions, bridges, tunnels, checkpoints & other critical points
- Must determine "Pass Time"



Pass Time



- Pass Time: The length of time it takes for a serial or march unit to pass a fixed point
- Knowing how to compute pass time is essential to a planner who must calculate a convoy's ETD from a checkpoint



Pass Time Computation



- ① Determine checkpoint time of arrival of the first vehicle in the convoy (distance/rate)
- ② Compute the convoy's pass time
- ③ Add the two results (factoring in any halt time) together



Pass Time Computation (Cont)



Pass time (minutes) =

$$\frac{\text{Number of Vehicles} \times 60}{\text{Density} \times \text{Rate}} =$$

Pass time + Time Gaps/Extra Time



Road Movement Calculations -- Density



- Density: Is the number of vehicles in a mile
 - TB 55-46-1 (Length of Vehicle)
 - Vehicle length is in inches
 - Add all vehicle lengths together
 - Divide by the number of vehicles
 - Divide the average length in inches by 36
(36 inches in a yard)
 - Equals average vehicle length in yards



Road Movement Calculations -- Density - cont.



- Density:

$$\text{Density} = \frac{1760 \text{ yards (1 mile)}}{\text{Vehicle gap in yards} + \text{average vehicle length in yards}}$$

Avg Vehicle Gap = 100 YDS Avg Vehicle Length = 10YDS

$$\text{Density} = \frac{1,760}{100+10} = 16 \text{ VPM}$$



Road Movement Calculations -- Density - cont.



- Density: Is the number of vehicles in a mile
- TB 55-46-1 (Length of Vehicles)

M915/ M872	_____	M 929A2	_____
M35A2C /M149	_____	M 931A2	_____
M931/M871	_____	M 998	_____
M127A2C	_____	M923A2	_____
M35A2C	_____	M109 WWN	_____



Road Movement Calculations -- Density (Cont)



- TB 55-46-1 (Length of Vehicles)

<u>VEHICLE</u>	<u>LENGTH</u>	<u>VEHICLE</u>	<u>LENGTH</u>
M915/ M131A4C	542	M 929A2	276
M35A2C /M149	427	M 931A2	265
M931/M871	492	M998	187
M127A2C	352	M923A2	312
M35A2C	265	M109 WWN	282

- Add all vehicle lengths: 3400 inches
- Divide by the number of vehicles: 10 Vehicles
- $3400 \text{ inches} / 10 = 340$ (Avg length of a vehicle)



Road Movement Calculations -- Density (Cont)



- Density:
 - Divide the average length of vehicle: 340 inches
 - By 36: (36 inches in a yard)

$$\frac{340}{36} = 9.44 = 10 \text{ YARDS}$$

- Always round up to the next yard



Road Movement Calculations -- Density (Cont)



- Density:

$$\text{Density} = \frac{1760 \text{ yards (1 mile)}}{\text{Vehicle gap in yards} + \text{average vehicle length in yards}}$$

Avg Vehicle Gap = 100 YDS

Avg Vehicle Length = 10 YDS

$$\text{Density} = \frac{1,760}{100+10} = \frac{1,760}{110} = 16 \text{ VPM}$$



Road Movement Calculations -- Pass Time



- Pass Time / Time Length:
 - Length of time it takes for the entire march column to pass a fixed point

$$\text{Pass Time (in mins)} = \frac{\text{Number of Vehicles} \times 60}{\text{Density} \times \text{Rate}} + \text{Time Gaps or Extra Time}$$



Road Movement Calculations - - Pass Time (Cont)



- Pass Time / Time Length:

$$\text{Pass Time (in min)} = \frac{\text{Number of vehicles} \times 60}{\text{Density} \times \text{Rate}}$$

$$\frac{20 \times 60}{20 \times 45} = \frac{1200}{900} = 1.33$$

= 2 minutes (always round up)



Road Movement Calculations -- Time Gap



❶ + 0 FOR THE TIME GAP

$$\frac{20 \times 60}{20 \times 45} = \frac{1200}{900} = 1.33 = 2 \text{ mins} + 0 = 2$$

(always round up) (time gap) (Mins)

❷ + 20 MIN FOR THE TIME GAP

$$\frac{20 \times 60}{20 \times 45} = \frac{1200}{900} = 1.33 = 2 \text{ mins} + 20 = 22$$

(always round up) (time gap) (Mins)



DD Form 1265
&
DD Form 1266



DD Form 1265 Request for Convoy Clearance



- DD Form 1265 is the form completed by the UMO to request convoy clearance
- No convoy movement is permitted over public highways without a convoy clearance number (CCN)



DD Form 1265 (Cont)



REQUEST FOR CONVOY CLEARANCE	1. CONVOY NUMBER	2. UIC	3. DATE(YYYYMMDD)
	FE 0059 039 C	WADSAA	00/08/28
SECTION I - GENERAL			

Block 1: Convoy Number

Block 2: UIC

Block 3: Date



DD Form 1265 (Cont)



SECTION I - GENERAL		
4. ORGANIZATION	5. STATION	6. CONVOY COMMANDER
100th Trans Co (Lt Mdm Trk)	Bldg, 1234, Fort Eustis, VA 23604	John J. Jones 1LT, TC

Block 4: Organization

Block 5: Station

Block 6: Convoy Commander



DD Form 1265 (Cont)



7. PERSONNEL STRENGTH		8. POINT OF ORIGIN	9. DESTINATION
a. OFFICER	b. ENLISTED		
1	47	Fort Eustis, VA 23604	Camp A.P Hill, Virginia
a. DEPARTURE		b. ARRIVAL	11. RATE OF MARCH

Block 7: Personnel Strength

a. Officer b. Enlisted

Block 8: Point of Origin

Block 9: Destination



DD Form 1265 (Cont)



10. DATE AND TIME	a. DEPARTURE 8/28/01 0700	b. ARRIVAL 8/28/01 1002	11. RATE OF MARCH 45 MPH 50 MAX
SECTION II - CONVOY COMPOSITION			
12. NUMBER OF EACH TYPE OF VEHICLE AND DESCRIPTION (include towed equipment)			

Block 10: Date & Time

a. Departure b. Arrival

Block 11: Rate of March



DD Form 1265 (Cont)



SECTION II - CONVOY COMPOSITION					
12. NUMBER OF EACH TYPE OF VEHICLE AND DESCRIPTION (Include towed equipment)					
1 1/4-ton Truck, Utility					
20 5 ton Tractor w/19 stake and Platform Semitrailers (1 bobtail)					
1 5 ton Wrecker					
List of vehicles by type and model number. Include total number of each type and match vehicles with their assigned trailers.					
13. TOTAL NUMBER	14. NUMBER OF	15a. NO. OF SERIALS	15b. TIME INTERVAL	16a. NO. OF MARCH	16b. TIME INTERVAL

Block 12: Number of Each Type of Vehicle & Description



DD Form 1265 (Cont)



13. TOTAL NUMBER OF VEHICLES	14. NUMBER OF OVERSIZE/OVERWEIGHT VEHICLES	15a. NO. OF SERIALS	b. TIME INTERVAL	16a. NO. OF MARCH UNITS	b. TIME INTERVAL
22	1	3	30		
SECTION III - ROUTE DATA					

Block 13: Total Number of Vehicles

Block 14: Number of Oversize/Overweight Vehicles

Block 15a: No. of Serials b: Time Interval



DD Form 1265 (Cont)



13. TOTAL NUMBER OF VEHICLES	14. NUMBER OF OVERSIZ/ OVERWEIGHT VEHICLES	15a. NO. OF SERIALS	15. TIME INTERVAL	16a. NO. OF MARCH UNITS	16. TIME INTERVAL
22	21	3	30	2	10
SECTION III - ROUTE DATA					

Block 16a: No. of March Units b: Time Interval



DD Form 1265 (Cont)



SECTION III - ROUTE DATA
17. PROPOSED ROUTING (Indicate US Routes, State Routes, etc.)
Ft Eustis to Interstate 64, State Route 168, Interstate 64, Interstate 95, State Route 207, U.S 301 to Camp A.P Hill
List street/highway/road routing in order of use from Starting Point (SP) to Release Point ((RP).

Block 17: Proposed Routing (Indicate US Routes, State Routes, etc.)



DD Form 1265 (Cont)



Block 18: List location of each halt and critical points

18. ETA AND ETD AT STATE LINES, MAJOR ROAD JUNCTIONS, MAJOR BRIDGES AND TUNNELS, METROPOLITAN AREAS AND OVERNIGHT HALT SITES (Continue on a separate sheet if additional space is required)				
a. LOCATION	b. ETA	c. DATE (YYYY MMDD)	d. ETD	e. DATE (YYYY MMDD)
I-64	0700	2001/09/15	0705	2001/09/15
Rt # 168	0732		0737	
15 min-Rest Halt. Rt #33	0754		0814	
I-64	0835		0840	
I-95	0859		0904	
Rt 207-301	0957		1002	

SECTION IV - LOGISTICAL DATA

a. Location b. ETA c. Date d. ETD e. Date



DD Form 1265 (Cont)



SECTION IV - LOGISTICAL DATA
19. BRIEF GENERAL DESCRIPTION OF CARGO (Brief general description, i.e., organizational impediments, etc.) (Write security limitations)
List general description of cargo.
Examples:
<ul style="list-style-type: none">• Troops with or without weapons• Any sensitive documents• Tanker filled or empty• Hazardous Cargo
DD FORM 1265, 5 SEP 1998 (EG) PREVIOUS EDITION IS OBSOLETE. Designed using Performance Pro, WBE/DDR, Sep 98

Block 19: Description of Load (a brief general description within security limitations)



DD Form 1265 -- Back



20. ARE EXPLOSIVES TO BE TRANSPORTED?		YES	<input checked="" type="checkbox"/> NO (If YES, describe below)	
a. CLASS	b. AMOUNT	c. DESCRIPTION	d. VEHICLES TO BE USED	
			(1) NO.	(2) TYPE
		N/A		
21. STATEMENT WHY EXPLOSIVES CANNOT BE TRANSPORTED COMMERCIALY (Movements involving explosives and/or other dangerous articles are required to comply with all applicable regulations or directives)				

Block 20: Are explosives to be transported?

If no then mark box and place N/A in center



DD Form 1265 -- Back (Cont)



20. ARE EXPLOSIVES TO BE TRANSPORTED?			
<input checked="" type="checkbox"/> YES		<input type="checkbox"/> NO (If YES, describe below)	
a. CLASS	b. AMOUNT	c. DESCRIPTION	d. VEHICLES TO BE USED
			(1) NO.
1.3C	60 lbs	Cartridges, for small arms, blank	(2) TYPE
21. STATEMENT WHY EXPLOSIVES CANNOT BE TRANSPORTED COMMERCIALY (Movements involving explosives and/or other dangerous articles are required to comply with all applicable regulations or directives)			

Block 20: Are explosives to be transported?

If yes, describe: Column a: Class

Column b: Amount Column c: Description



DD Form 1265 -- Back (Cont)



20. ARE EXPLOSIVES TO BE TRANSPORTED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO (If YES, describe below)			4. VEHICLES TO BE USED	
a. CLASS	b. AMOUNT	c. DESCRIPTION	(1) NO.	(2) TYPE
1.3C	60 lbs	Cartridges, for small arms, blank	1	1 1/2 ton Trk

21. STATEMENT WHY EXPLOSIVES CANNOT BE TRANSPORTED COMMERCIALY (Movements involving explosives and/or other dangerous articles are required to comply with all applicable regulations or directives.)

Time constraints do not allow commercial shipping

Block 20: Column d: Vehicles to be used

(1) No. (2) Type

Block 21: Statement why explosives cannot be transported commercially



DD Form 1265 -- Back (Cont)



22. LOGISTICAL SUPPORT REQUIRED AT OVERNIGHT HALT SITES? <input type="checkbox"/> YES <input type="checkbox"/> NO						
<i>(If YES, complete the following) (Use separate sheet if additional space is required)</i>						
a. DATE (YYYY/MM/DD)	b. INSTALLATION	c. GAS (gals)	d. OIL (gals)	e. RATIONS	f. BILLETS	g. OTHER

Block 22: Logistical Support Required at Overnight Halt Sites? Yes or No

If yes, complete the following: a: DATE (YYYY/MM/DD)

b: INSTALLATION c: GAS (gals) d: OIL (gals)

e: RATIONS f: BILLETS g: OTHER



DD Form 1265 -- Back (Cont)



Block 23: Remarks

23. REMARKS

This block is to be used to inform the chain of command of any unique convoy requirements.

- Planned location of fuel and meal halts.
- Types of radios
- Specific support requirements.
- List each oversized/over weight vehicle (truck or truck trailer combinations) with load description.

Note: Enter name, rank, telephone and fax number of convoy point of contact (POC) during normal duty hours.

24. REQUESTING AGENCY

25. APPROVING AGENCY



DD Form 1265 -- Back (Cont)



24. REQUESTING AGENCY 100th Trans Co. (Lt Mdm Trk)		25. APPROVING AGENCY	
26. REQUESTED BY a. NAME (Last, First, Middle Initial) Chestnut Charles C.		27. APPROVED BY a. NAME (Last, First, Middle Initial)	
b. GRADE 03	c. TITLE Operations Officer	b. GRADE	Approved through ITO/ UMC
d. SIGNATURE Charles C. Chestnut.	e. DATE (YYYY MMDD) 2001/08/28	d. SIGNATURE	
INSTRUCTIONS: In cases where bona-fide emergencies exist, the information contained on DD Form 1265 and DD Form 1266			

Block 24: Requesting Agency

Block 26: Requested By:

Name, Grade, Title, Signature, & Date



DD Form 1266 Request for Special Hauling Permit



- Completed by UMO or alternate UMO
- Forwarded in same channels as DD Form 1265
- Used to obtain special hauling permits for highway movement of oversize/overweight vehicles (as part of a convoy or separately)
- Reference: FM 55-30, Appendix E



[illegible]



DD Form 1266 (Cont)



REQUEST FOR SPECIAL HAULING PERMIT	1. CONVOY NUMBER VA 00081 C	2. UIC WADSAA	3. DATE (YYYYMMDD) 0000/08/28
SECTION 1 - GENERAL			
4. ORGANIZATION	5. STATION	6. DATE OF MOVEMENT (YYYYMMDD)	

Block 1: Convoy Number

Block 2: UIC

Block 3: Date



DD Form 1266 (Cont)



SECTION 1 - GENERAL			
4. ORGANIZATION 100th Trans Co (Lt Mdm Trk)	5. STATION Fort Eustis, VA 23604	6. DATE OF MOVEMENT (YYYYMMDD)	
		a. STARTING 0000/08/28	b. COMPLETION 0000/08/28
7. POINT OF ORIGIN		8. DESTINATION	

Block 4: Organization

Block 5: Station

Block 6: Date of Movement:

a. Starting b. Completion



DD Form 1266 (Cont)



7. POINT OF ORIGIN Ft Eustis, VA			8. DESTINATION CAMP A.P Hill, VA		
9. ARRIVAL AT STATE LINES N/A			10. ROUTING (Specify US Routes, State Routes, etc.)		
a. DATE (YYYYMMDD)	b. TIME	c. STATE LINE			
11. ESCORT REQUIREMENTS					

Block 7: Point of Origin

Block 8: Destination

Block 9: Arrival at State Lines:

a. Date b. Time c. State Line



DD Form 1266 (Cont)



7. POINT OF ORIGIN Ft Eustis, VA			8. DESTINATION CAMP A.P Hill, VA		
9. ARRIVAL AT STATE LINES a. DATE (YYYYMMDD) b. TIME c. STATE LINE N/A			10. ROUTING (Specify US Routes, State Routes, etc.) Ft Eustis to I-64, ST Rt #168, ST Rt.#33, I-64, I-95, ST Rt# 207, ST Rt#301, to Camp A. P. Hill		
11. ESCORT REQUIREMENTS Escorts are required Front and Rear					

SECTION II - VEHICLE AND LOAD DATA

Block 10: Routing

Block 11: Escort Requirements



DD Form 1266 (Cont)



Section II - Vehicle and Load Data

SECTION II - VEHICLE AND LOAD DATA							
DESCRIPTION a.	TYPE (Truck, etc.) b.	NO. OF VEHICLES c.	REGISTRATION NUMBER d.	HEIGHT e.	WIDTH f.	LENGTH g.	WEIGHT h.
12. VEHICLE							
(1) TRUCK							(Empty)
(2) TRUCK/TRACTOR							(Empty)
(3) TRAILER							(Empty)
(4) SEMI-TRAILER							(Empty)
(5) OTHER (Specify)							(Empty)
13. LOAD							
14. OVERALL (Vehicle and load)							
15. DESCRIPTION OF LOAD (Brief general description. Organization impediments, etc.) (If then security limitations)							



DD Form 1266 (Cont)



Section II - Vehicle and Load Data

SECTION II - VEHICLE AND LOAD DATA							
DESCRIPTION a.	TYPE (Truck, etc.) b.	NO. OF VEHICLES c.	REGISTRATION NUMBER d.	HEIGHT e.	WIDTH f.	LENGTH g.	WEIGHT h.
12. VEHICLE							
(1) TRUCK							(Empty)
(2) TRUCK/TRACTOR M915	25 ton						(Empty)
(3) TRAILER							(Empty)
(4) SEMI-TRAILER M872	34 ton						(Empty)
(5) OTHER (Specify)							(Empty)
13. LOAD							

Block 12 Vehicle Column a: Description



DD Form 1266 (Cont)



SECTION II - VEHICLE AND LOAD DATA							
DESCRIPTION a.	TYPE (2-ton, etc.) b.	NO. OF VEHICLES c.	REGISTRATION NUMBER d.	HEIGHT e.	WIDTH f.	LENGTH g.	WEIGHT h.
12. VEHICLE							
(1) TRUCK							(Empty)
(2) TRUCK-TRACTOR M915	25 ton	1	9T1234				(Empty)
(3) TRAILER							(Empty)
(4) SEMI-TRAILER M872	34 ton	1	8T9872				(Empty)
(5) OTHER (Specify)							(Empty)

Block 12: Vehicle - Columns b. Type (2-Ton, etc)

c. No. of Vehicles

d. Registration No.



DD Form 1266 (Cont)



SECTION II - VEHICLE AND LOAD DATA							
DESCRIPTION a.	TYPE (Truck, etc.) b.	NO. OF VEHICLES c.	REGISTRATION NUMBER d.	HEIGHT e.	WIDTH f.	LENGTH g.	WEIGHT h.
12. VEHICLE							
(1) TRUCK							(empty)
(2) TRUCK-TRACTOR M915		1	1234	131	123	269	18,621
(3) TRAILER							(empty)
(4) SEMI-TRAILER M872		1	9872	58/106	96	490	17,390
(5) OTHER (Specify)							(empty)

Block 12: Vehicle - Columns

e. Height f. Width g. Length h. Weight



DD Form 1266 (Cont)



SECTION II - VEHICLE AND LOAD DATA							
DESCRIPTION a.	TYPE (Q-104, etc.) b.	NO. OF VEHICLES c.	REGISTRATION NUMBER d.	HEIGHT e.	WIDTH f.	LENGTH g.	WEIGHT h.
(Specify)							
13. LOAD MILVAN				149	96	242	30,000
14. OVERALL (Vehicle and load)							
15. DESCRIPTION OF LOAD (Brief general description: Organization requirements, etc.) (Within security limitations)							

Line 13: Load --

e. Height, f. Width, g. Length, h. Weight



DD Form 1266 (Cont)



SECTION II - VEHICLE AND LOAD DATA							
DESCRIPTION a.	TYPE (B-400, etc.) b.	NO. OF VEHICLES c.	REGISTRATION NUMBER d.	HEIGHT e.	WIDTH f.	LENGTH g.	WEIGHT h.
12. VEHICLE							
13. LOAD MILVAN				149	96	242	30,000
14. OVERALL (Vehicle and load)				207	123	659	66,011
15. DESCRIPTION OF LOAD (Brief general description: Organization impediments, etc.) (Within security limitations)							

Line 14: Overall (Vehicle and Load) --
e. Height, f. Width g. Length, h. Weight



DD Form 1266 (Cont)



15. DESCRIPTION OF LOAD (Brief general description. Organization in parentheses, etc.) (Within security limitations)

One MILVAN

Block 15: Description of Load (a brief general description within security limitations)



DD Form 1266 (Cont)



16. LOAD OVERHANG			
a. FRONT	b. REAR	c. LEFT SIDE	d. RIGHT SIDE
N/A	N/A	N/A	N/A

DD FORM 1266, SEP 1998 (BG) PREVIOUS EDITION IS OBSOLETE. Designed using: Autodesk PLOT, WTS/GDS, Sep 98

Block 16: Load Overhang

a. Front b. Rear c. Left Side d. Right Side



DD Form 1266 -- Back

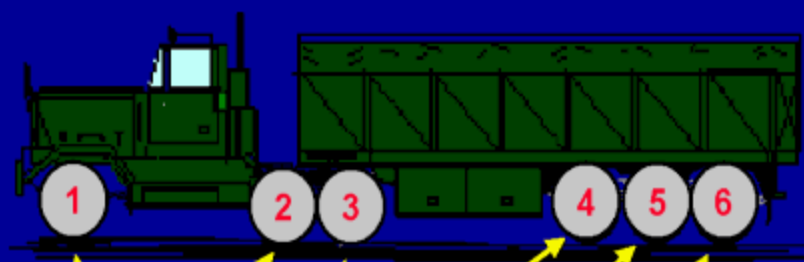


17. NUMBER OF AXLES	1 A	2 B	C	D	E	F	G	H	
	AXLE 1 a.	AXLE 2 b.	AXLE 3 c.	AXLE 4 d.	AXLE 5 e.	AXLE 6 f.	AXLE 7 g.	AXLE 8 h.	TOTAL i.
18. NUMBER OF TIRES									
19. TIRE WIDTH (Inches)									
20. TIRE SIZES									
21. AXLE LOAD (Weight)									
22. AXLE LOAD (Load in)									
23. AXLE SPACING (See Para 17 for definition)	A SPACING	B SPACING	C SPACING	D SPACING	E SPACING	F SPACING	G SPACING	H SPACING	

Lines 17 to 23
with associated
columns a. to i.



DD Form 1266 -- Back (Cont)



17. NUMBER OF AXLES	1	2	3	4	5	6	
	A	B	C	D	E	F	G
	AXLE 1	AXLE 2	AXLE 3	AXLE 4	AXLE 5	AXLE 6	AXLE 7
	a.	b.	c.	d.	e.	f.	g.

Block 17: Axle Numbers correspond to columns



DD Form 1266 -- Back (Cont)



Block 18:
Number
of Tires

Block 19:
Tire Width
(Inches)

Block 20:
Tire Sizes

17. NUMBER OF AXLES	1 A	2 B	3 C	4 D	5 E	6 F	7 G	8 H	
	AXLE 1 a	AXLE 2 b	AXLE 3 c	AXLE 4 d	AXLE 5 e	AXLE 6 f	AXLE 7 g	AXLE 8 h	TOTAL i
18. NUMBER OF TIRES	2	4	4	4	4	4			
19. TIRE WIDTH (Inches)	22	44	44	44	44	44			
20. TIRE SIZES	1100 x20	1100 x20	1100 x20	1100 x20	1100 x20	1100 x20			
21. AXLE LOAD (Empty)									
22. AXLE LOAD (Loaded)									
23. AXLE SPACING (See Item 11 for abbreviations)	A SPACING	B SPACING	C SPACING	D SPACING	E SPACING	F SPACING	G SPACING	H SPACING	
24. REMARKS									



DD Form 1266 -- Back (Cont)



17. NUMBER OF AXLES	1 A	2 B	3 C	4 D	5 E	6 F	7 G	8 H	TOTAL
	AXLE 1 a	AXLE 2 b	AXLE 3 c	AXLE 4 d	AXLE 5 e	AXLE 6 f	AXLE 7 g	AXLE 8 h	
18. NUMBER OF TIRES	2	4	4	4	4	4			22
19. TIRE WIDTH (inches)	22	44	44	44	44	44			242
20. TIRE SIZES	1100 x20	1100 x20	1100 x20	1100 x20	1100 x20	1100 x20			
21. AXLE LOAD (lb/gross)									36011
22. AXLE LOAD (lb/axle)									66011
23. AXLE SPACING (See Item 17 for axle spacing)	A SPACING	B SPACING	C SPACING	D SPACING	E SPACING	F SPACING	G SPACING	H SPACING	
24. REMARKS									

Line 18 i
Line Total

Line 19 i
Line Total

Line 21 i
Line Total

Line 22 i
Line Total



Table N-1, FM 55-30



Percentages for axle weight distribution

Number of Axles per Vehicle	Type of Vehicle	Axle 1	Axle 2	Axle 3	Axle 4	Axle 5	Axle 6
3	1-1/4ton	.38	.31	.31			
	2-1/2ton	.32	.34	.34			
	5 ton	.26	.37	.37			
	10 ton	.24	.38	.38			
5	Semitrailer	.14	.21	.21	.22	.22	
6	Semitrailer	.08	.22	.22	.16	.16	.16



DD Form 1266 -- Back (Cont)



Block 21:
Axle Load
(Empty)

Block 22:
Axle Load
(Loaded)

17. NUMBER OF AXES	1 A	2 B	3 C	4 D	5 E	6 F	G	H	TOTAL
	AXLE 1 a	AXLE 2 b	AXLE 3 c	AXLE 4 d	AXLE 5 e	AXLE 6 f	AXLE 7 g	AXLE 8 h	i
18. NUMBER OF TIRES	2	4	4	4	4	4			22
19. TIRE WIDTH (Inches)	22	44	44	44	44	44			242
20. TIRE SIZE	1100 x20	1100 x20	1100 x20	1100 x20	1100 x20	1100 x20			
21. AXLE LOAD (Empty)	2881	7922	7922	5672	5672	5672			36011
22. AXLE LOAD (Loaded)	5281	14522	14522	10562	10562	10562			66011
23. AXLE SPACING (Inches)	A SPACING	B SPACING	C SPACING	D SPACING	E SPACING	F SPACING	G SPACING	H SPACING	
24. REMARKS									

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Block 23:
Axle
Spacing

17. NUMBER OF AXES	1 A	2 B	3 C	4 D	5 E	6 F	7 G	8 H	TOTAL i
	AXLE 1 a	AXLE 2 b	AXLE 3 c	AXLE 4 d	AXLE 5 e	AXLE 6 f	AXLE 7 g	AXLE 8 h	
18. NUMBER OF TIRES	2	4	4	4	4	4			22
19. TIRE WIDTH (See box.)	22	44	44	44	44	44			242
20. TIRE SIZES	1100 x20	1100 x20	1100 x20	1100 x20	1100 x20	1100 x20			
21. AXLE LOAD (Empty)	2881	7922	7922	5672	5672	5672			36011
22. AXLE LOAD (Loaded)	5281	14522	14522	10562	10562	10562			66011
23. AXLE SPACING (See box. 17 for abbreviations)	A SPACING 98	B SPACING 48	C SPACING 100	D SPACING 48	E SPACING 48	F SPACING 48	G SPACING	H SPACING	
24. REMARKS									

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24. REMARKS	
25. MOVEMENT BY HIGHWAY IS	
<input type="checkbox"/> ESSENTIAL TO NATIONAL DEFENSE	<input type="checkbox"/> IN THE INTEREST OF NATIONAL DEFENSE
26. REQUESTING AGENCY	27. APPROVING AGENCY

Block 24: Remarks



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24. REMARKS	
25. MOVEMENT BY HIGHWAY IS	
<input type="checkbox"/> ESSENTIAL TO NATIONAL DEFENSE	<input type="checkbox"/> IN THE INTEREST OF NATIONAL DEFENSE
26. REQUESTING AGENCY	27. APPROVING AGENCY

Block 25: Movement by Highway is: (check one)

- ☒ Essential to National Defense
- ☒ In the Interest of National Defense



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Blocks
26 & 28
Requesting
Agency

Blocks
27 & 29:
Approving
Agency

26. REQUESTING AGENCY 100th Trans Co (Lt Mdm Trk)		27. APPROVING AGENCY	
28. REQUESTED BY a. NAME (Last, First, Middle Initial)		29. APPROVED BY a. NAME (Last, First, Middle Initial)	
b. GRADE	c. TITLE	b. GRADE	c. TITLE
d. SIGNATURE	e. DATE/TIME/PLACE	d. SIGNATURE	e. DATE/TIME/PLACE

INSTRUCTIONS

GENERAL:
DD Form 1266, "Report for Personal Holding Permit" will be used to obtain special holding permits for the movement of vehicles over public highways.
The form is to be filled out and accompanied by the appropriate fee and forwarded through the local highway department to the appropriate highway department.
On (1) letter of transmittal is sufficient when several DD Forms 1266 and 1266 are used.
In cases where forms are requested, the information contained in this form and DD Form 1266 may be faxed to the appropriate highway department by telephone or electronic transmission. In the event, reference will be made to the number in the sequence in which they appear on the form. Items which do not apply will be so indicated.

SPECIAL:
Item 1 - Complete description of vehicle and its use. Items may be included, provided units are characterized, making and movement shall be indicated previously.
Item 12.6 - Indicate the registration number for each unit or combination of units. Use additional page if required.
Item 17 - Indicate appropriate number of units by inserting number in proper circle. Check out circle not applicable.
Item 24 - The movement through the District of Columbia, include name of manufacturer of equipment.

DD FORM 1266 (BACK), SEP 1998

Instructions